





20 <- 50[4, -1] -> 75 12 <- 20[2, 0] -> 25 .<- 12[1, 0] -> . .<- 25[1, 0] -> . 62 <- 75[3, 0] -> 87 60 <- 62[2, 0] -> 70 .<- 60[1, 0] -> . .<- 70[1, 0] -> . 80 <- 87[2, 0] -> 90 .<- 80[1, 0] -> .

LR LR 202 753 100 753

7ª n.b<-1

```
. <- 60[1, 0] -> .
. <- 70[1, 0] -> .
80 <- 87[2, 0] -> 90
. <- 80[1, 0] -> .
. <- 90[1, 0] -> .
From
<https://pepcoding.com/resources/onli
ne-java-foundation/binary-tree/size-
sum-max-height-binarytree-
official/ojquestion#>
                                         n.1.6<0
  // bal = lh - rh
  if(node.bal > 1){ // ll, lr
       if(node.left.bal >= 0){ // 11}
            node = rightRotate(node);
       } else { // lr
            node.left = leftRotate(node.left);
            node = rightRotate(node);
  } else if(node.bal < -1){ // rr, rl
       if(node.right.bal < 0){ // rr
            node = leftRotate(node);
       } else { // rl
            node.right = rightRotate(node.right);
            node = leftRotate(node);
```



